Neha Reddy

Backend Developer (Microservices & Go)

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Summary

A highly skilled Backend Developer with 7 years of experience in designing and building scalable, high-performance distributed systems. Specializes in microservices architecture using Go (Golang), gRPC, and Docker. Proven ability to write clean, concurrent, and efficient code for mission-critical applications.

Technical Skills

- **Programming Languages:** Go (Golang), Python, Java
- **Frameworks/Libraries:** Gin, gRPC, Protocol Buffers
- **Databases:** PostgreSQL, Redis, MongoDB, TiDB
- **Architecture:** Microservices, Domain-Driven Design (DDD)
- **Tools:** Docker, Kubernetes, Kafka, RabbitMQ, Prometheus
- **Cloud:** AWS, GCP

Professional Experience

Lead Backend Developer | FinTech Dynamics | Pune, India *(Apr 2020 - Present)*

- Architected and led the development of a new payment processing system built with Go microservices, capable of handling over 10,000 transactions per second.
- Implemented gRPC for high-performance, low-latency communication between services, reducing network overhead by 50% compared to REST.
- Designed and maintained robust CI/CD pipelines for deploying Go services to a Kubernetes cluster.
- Mentored a team of 4 backend developers, conducting code reviews and promoting best practices for Go development.

Software Engineer | CloudLogix | Hyderabad, India *(Jul 2017 - Mar 2020)*

- Developed and maintained REST APIs for a cloud-based logging platform using Java and Spring Boot.
- Contributed to the transition from a monolithic architecture to microservices.
- Wrote extensive unit and integration tests to ensure code quality and reliability.

Projects

Distributed Key-Value Store

- Built a distributed key-value store in Go using the Raft consensus algorithm for fault tolerance.

Education

Bachelor of Engineering in Computer Engineering *National Institute of Technology, Warangal* | Warangal, India*(2013 - 2017)*